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AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

PRELIMINARY ANNOUNCEMENT OF THE SPECIAL SUMMER MEETING
TO BE HELD AT HANOVER, NEW HAMPSHIRE, JUNE 29-JULY 3,
1908, AND OF THE AFFILIATED SCIENTIFIC SOCIETIES
THAT WILL MEET AT THE SAME TIME AND PLACE

GENERAL ANNOUNCEMENT

A SPECIAL summer meeting of the American Association for the Advancement of Science will be held at Hanover, New Hampshire, from June 29 to July 3, 1908, in the buildings of Dartmouth College.

At this meeting, Sections A, C, D, F, G, H and K will probably hold no sessions. Section B will meet in conjunction with the American Physical Society. Section E will meet in conjunction with the Geological Society of America. Section L will hold a symposium on a subject to be announced later. Section I may also hold a symposium. Detailed information is given below.

For matters relating to local arrangements not given in this announcement, members should address Professor H. H. Horne, Dartmouth College, Hanover, N. H.

For information relating to the presentation of papers, members should address the secretaries of the respective sections, or they may write to the permanent secretary who will promptly forward to the proper officer. Titles and abstracts of papers should be sent promptly to the secretaries of sections or the permanent secretary, as it is desired to put the program in the hands of the printers about June 26. The post-office addresses of the secretaries of the sections which will meet at Hanover are as follows:

Section B—A. D. Cole, Vassar College, Poughkeepsie, N. Y.

Section E—F. P. Gulliver, Norwich, Conn.

Section I—J. Pease Norton, Yale University, New Haven, Conn.

Section L—C. R. Mann, University of Chicago, Chicago, Ill.

The entire program of the meeting will be published immediately in advance of the opening date.

Please try to secure at least one new member.

Members who have not already paid their dues for 1908 should forward them before the meeting to the permanent secretary. *Members should not forget to bring their numbered tickets (if they have already paid their annual dues).*

The permanent secretary will be at his Washington address until June 26; after that date he should be addressed at Hanover Inn, Hanover, New Hampshire.

The register for the Hanover meeting will open at 10 o'clock A.M., on Monday, June 29, in College Hall.

LOCAL COMMITTEE OF THE HANOVER MEETING

The names of the full committee will be published in the regular program. The following are the officers and chairmen:

Honorary Presidents—William Jewett Tucker and John King Lord.

Chairman—Robert Fletcher.

Secretary—Herman Harrell Horne.

Committee on Transportation, Hotel and Accommodations—*Chairman*: Ernest Martin Hopkins.

Committee on Excursions—*Chairman*: Charles Henry Hitchcock.

Committee on Membership—*Chairman*: Charles Henry Hitchcock.

Committee on Finance—*Chairman*: Charles Parker Chase.

Committee on Places of Meeting—*Chairman*: Charles F. Emerson.

Committee on Entertainment of Visiting Ladies—*Chairman*: Mrs. Wm. Patten.

HEADQUARTERS AND ACCOMMODATIONS

The official headquarters and social rendezvous will be in *College Hall*, where convenient and ample rooms are available for the registration office and transaction of all business, and for social gatherings. The large parlor or lounging room is especially suitable for small gatherings of groups of members, a common meeting place where "appointments" may be made, etc.

Room accommodations will be provided in College Hall or in one or more of the dormitories—Massachusetts, Wheeler, the Fayerweathers—at the uniform price of one dollar per day. These are all new buildings with modern appointments.

Meals will be furnished, à la carte, in the large dining room of College Hall—capacity 500—under

management of the Dartmouth Dining Association—Arthur P. Fairfield, comptroller.

All communications concerning rooms and meals should be addressed to Arthur P. Fairfield, manager of the Hanover Inn.

A limited number of rooms with board, American plan, may be available at the Hanover Inn. Rates \$2.50 to \$4.00 per day, according to size and location of room, and whether without or with bath. Single meals: breakfast and dinner, 75 cents; luncheon, 50 cents.

PLACES OF MEETING

Places of meeting will be announced in the program, which will be published on June 29. All are within three minutes' walk of College Hall.

ANNOUNCEMENT OF THE LOCAL COMMITTEE

The meeting of the American Association for the Advancement of Science is to be held at Hanover, N. H., from June 29 to July 3, on the invitation of Dartmouth College. The Trustees of Dartmouth College have put the buildings of the college at the disposal of the association for this meeting. The administration has authorized the use of College Hall and the facilities at command of the Dartmouth Dining Association for use as general headquarters, for lodgings for the visitors, and for service of meals in the large dining hall (if need be), which will accommodate as many as five hundred. As many of the dormitories as may be needed will also be opened—affording pleasant, comfortable and convenient rooms. Commodious lecture rooms for general meetings and for meetings of sections (with ample lantern facilities), and smaller rooms for smaller groups of members, are available in Dartmouth, Wilder and Chandler Halls and in the Tuck building. All of these accommodations are within three or four minutes' walk of College Hall.

Mail may be sent to the *post-office*, general delivery, which is within two minutes' walk of College Hall.

LOCATION AND ACCESSIBILITY OF HANOVER

The railroad station, about five eighths of a mile from the Hanover Inn and post-office, is known as Norwich and Hanover, on the Passumpsic Division of the Boston and Maine Railroad. White River Junction, four miles south of Hanover, is the center of four lines of railroad: The Concord Division of the Boston and Maine system; the Central Vermont Railroad and the Connecticut River Division, Boston and Maine Railroad (eight hours to New York), and also connecting at Greenfield and Springfield (Boston

and Albany Railroad) for the west; the Central Vermont Railroad, making connection with Montpelier, Burlington and the west (thirty hours to Chicago); the Passumpsic Division, Boston and Maine Railroad (eight hours to Montreal).

Trains leave Boston at 9:00 and 11:30 A.M. and at 3:44 and 7:30 P.M.; due at Norwich and Hanover at 1:56, 4:50 and 9:30 P.M. (at White River Junction), and at 1:02 A.M. (excepting Mondays). *There may be changes in this schedule June 29.* Sunday trains from Boston, 11:30 A.M. and 7:30 P.M. Distance, 150 miles.

From New York the most convenient train is the White Mountains Express, which has heretofore left Grand Central Station at 8:45 A.M. It is a through train—no change of cars—due at Norwich and Hanover about 4:25 P.M. Other New York trains are one at 12:00 noon and one at 4:00 P.M.—the latter on Sundays, also. In the summer season there has been also a night express for summer-resort people. The noon train is due at White River Junction at 8:05 P.M. and the next later train at 12:20 A.M.; the night train comes through to Norwich and Hanover except on Mondays. Distance, 264 miles; fare, \$5.85.

In case one fails to make immediate connection at White River Junction with trains on the Passumpsic Division, teams can be procured at the Junction House, for the ride of four and a half miles; charge, one dollar and a quarter.

A train leaves Springfield, Mass., at 9:10 A.M., due at Norwich and Hanover at 1:56 P.M.; distance, 129 miles. Trains from the west connect with the Connecticut River trains, more or less directly, at Springfield, Greenfield and White River Junction. Generally, the connections are not close with trains going north.

The village of Hanover is situated on a plain 170 feet above Connecticut River, elevation above mean sea level from 525 to 550 feet. There are points of interest in various directions, reached by pleasant drives, for which carriage hire is moderate in comparison with prices in or near large cities. The mills of the International Paper Company at Wilder, two miles below, are operated by a large development of water-power. The copper mines of Ely and Strafford, Vt., are distant, respectively, 13 and 20 miles. One of the finest mountain views in the state is to be had from Cardigan Mountain (altitude, about 3,000 feet), reached by an easy excursion requiring one day for the trip; a road leads to within but little more than a mile from the summit, and the remaining ascent is not difficult.

The Country Club offers to visiting members

free use of the golf links and tennis courts. The grounds are within seven minutes' walk of College Hall.

The Blue Mountain Forest Park, to which it is proposed to make an excursion, was planned, purchased and stocked by the late Mr. Austin Corbin, who was a pioneer in the modern endeavor to rescue and perpetuate some of the larger animal life of the American wilderness, now so nearly extinct. It covers above 35 square miles, including Grantham Mountain and Buffalo Mountain, and contains the famous herds of buffalo, moose, elk and mountain goats, as well as boars and smaller game. Mr. Austin Corbin, president of the Blue Mountain Forest Association, has extended a cordial invitation to the American Association for the Advancement of Science to visit the forest. The most convenient access to the park is from Newport, N. H., reached from Hanover by rail. A special train is to be provided for this occasion, if the attendance will warrant. On the return from the park, excellent accommodations are available at the Newport House, just remodeled and enlarged.

RAILROAD RATES

A railroad rate of one fare and one third for the round trip, on the certificate plan, has been granted by the Trunk Line Association (excepting the New York, Ontario and Western R. R. and the Chesapeake and Ohio R. R.), the New England Passenger Association (excepting the Bangor and Aroostook R. R.) and the Eastern Canadian Passenger Association.

The same rate has been requested of the Central, the Southeastern and the Southwestern associations, but no assurance can be given of its being granted.

The Western Passenger Association has on sale revised one-way fares in effect to Chicago, Peoria and St. Louis, with the understanding that persons can repurchase from these points and take advantage of any reduced fares that may be authorized therefrom. The fares to Chicago, Peoria and St. Louis from a large part of the Western Passenger Association territory are now on the basis of two cents per mile; hence, with the reduced fares from the three cities named, the net rate amounts practically to a fare and one third rate. Summer tourist tickets will be on sale to Chicago and St. Louis from June 1 to September 30, inclusive, with return limit of October 31, 1908, from a large number of points in Western Passenger Association territory, at fares of less than two cents per mile, of which advantage can be taken.

The Transcontinental Passenger Association has on sale daily from Pacific Coast points regular nine months' tourist tickets to Chicago, St. Louis, Memphis and New Orleans, at rates which approximate one fare and one third for the round trip.

The following directions are submitted for your guidance:

1. Tickets at full fare for the *going* journey may be secured within three days prior to, and during the first three days of the meeting. The advertised dates of the meeting are June 29 to July 4, 1908; consequently, you can obtain your tickets not earlier than June 25, nor later than July 1.

From points located at a great distance, from which it takes more than three days to reach Hanover, going tickets may be purchased on a date which will permit members to reach Hanover by June 29.

2. Present yourself at the railroad station for ticket and certificate at least thirty minutes before departure of the train.

3. Certificates are not kept at all stations. If you inquire at your station you will find out whether certificates and through tickets can be obtained to the place of meeting.

4. On your arrival at the meeting, present your certificate to Mr. F. S. Hazard, assistant secretary. It has been arranged that the special agent of the Trunk Line Association will be in attendance at the office of the permanent secretary, to validate certificates, on June 30 and July 2.

5. In order to prevent dissatisfaction, it must be understood that the reduction on the return journey is not guaranteed—but is contingent on an attendance of not less than 100 persons via all lines, all told, obtaining from agents at starting points certificates showing payment of full first-class fare of not less than seventy-five cents (75c.) on going journey.

If the necessary minimum is in attendance, and your certificate is duly validated, you will be entitled, up to and including July 7, 1908, to a continuous passage ticket to your destination via the route over which you made the going journey, at one third the limited fare.

PRELIMINARY PROGRAM

Monday, June 29

10:00 A.M.—The register for the Hanover meeting will be open at the office of the Permanent Secretary in College Hall.

12:00 M.—The regular meeting of the Executive Committee in College Hall.

8:00 P.M.—First general session of the association in Lecture room A, Dartmouth Hall.

The meeting will be called to order by the president of the association, Dr. T. C. Chamberlin.

An address of welcome will be given by Acting-president Dr. John King Lord (in the necessary absence of President William J. Tucker), speaking in behalf of the board of trustees of Dartmouth College.

President Chamberlin will respond to the welcome on behalf of the association and visiting societies.

Announcements will be made by the general and local secretaries and the meeting will be declared formally opened. At the conclusion of these exercises, an informal reception will be held by the local committee.

Tuesday, June 30

9:00 A.M.—Meeting of the Council in College Hall.

10:00 A.M. and 2:00 P.M.—Meetings of the sections for the reading of papers.

8:00 P.M.—Public lecture, complimentary to the citizens of Hanover, by Professor J. W. Spencer. Title: "The Spoliation of Niagara."

Wednesday, July 1

9:00 A.M.—Meeting of the Council in College Hall.

10:00 A.M. and 2:00 P.M.—Meetings of the sections for the reading of papers.

2:00 P.M.—Symposium under the auspices of Section L.

8:00 P.M.—Lecture. (Speaker to be announced.) Subject: "The American Bison."

Thursday, July 2

Excursion to Corbin Park. (Details to be announced.)

EXCURSIONS UNDER THE AUSPICES OF SECTION E

Section E, Geology and Geography, proposes to give a series of excursions to various points in Vermont and New Hampshire in connection with the meeting of the American Association for the Advancement of Science at Hanover this summer. A tentative plan is the following:

1. The first excursion to be made under Dr. Wolff, of Harvard University, starting from Belows Falls, Vermont, Friday, June 26. This will be a trip across the Green Mountains, arriving at Rutland, Vermont, some time on Saturday.

2. An excursion with Professor Perkins, state geologist of Vermont, to some of the marble quarries.

3. An excursion to Asecutney Mountain, Vermont, under Dr. R. A. Daly.

4. A trip to the Quechee River local glacier, under Professor Hitchcock, of Dartmouth.

5. A study of the terraces of the Connecticut River.

6. A day in the Corbin Park to see the bufalos, etc.

7. A trip of one to three days around Littleton, New Hampshire.

8. A trip to Mount Monadnock, if enough care to go.

9. A trip to one of the points of interest for economic geology.

10. The final excursion will be made to the Summit House on Mount Washington, where greatly reduced rates have been secured for a stay of from a day to a week.

It will greatly assist in making arrangements for the meeting if all those who have any thought of taking part in these excursions will send word as soon as possible to

F. P. GULLIVER,
Secretary Section E

30 HUNTINGTON LANE,
NORWICH, CONN.

AFFILIATED SOCIETIES

The American Physical Society and the Geological Society of America have signified their intention to meet at Hanover in affiliation with the American Association for the Advancement of Science.

All members of the American Physical Society and the Geological Society of America, who are not members of the American Association for the Advancement of Science, are earnestly requested to register at the desk provided for the purpose in the office of the permanent secretary, College Hall, so that an approximate record may be made of the total number of scientific men in attendance at the Hanover meeting.

SPECIAL NOTICE

Abstracts of papers intended for presentation should be sent to the permanent secretary or to the secretary of the section concerned.

Each member is requested to send to the permanent secretary the nomination of at least one new member whose election would add to the strength of the association.

L. O. HOWARD,
Permanent Secretary
SMITHSONIAN INSTITUTION,
WASHINGTON, D. C.